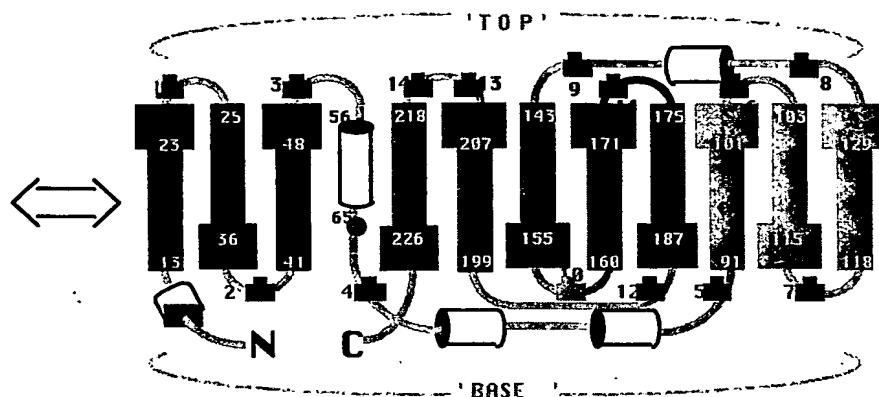


## Figure 1

### A



B

### Possible split points in EGFP considered for hipto formation.

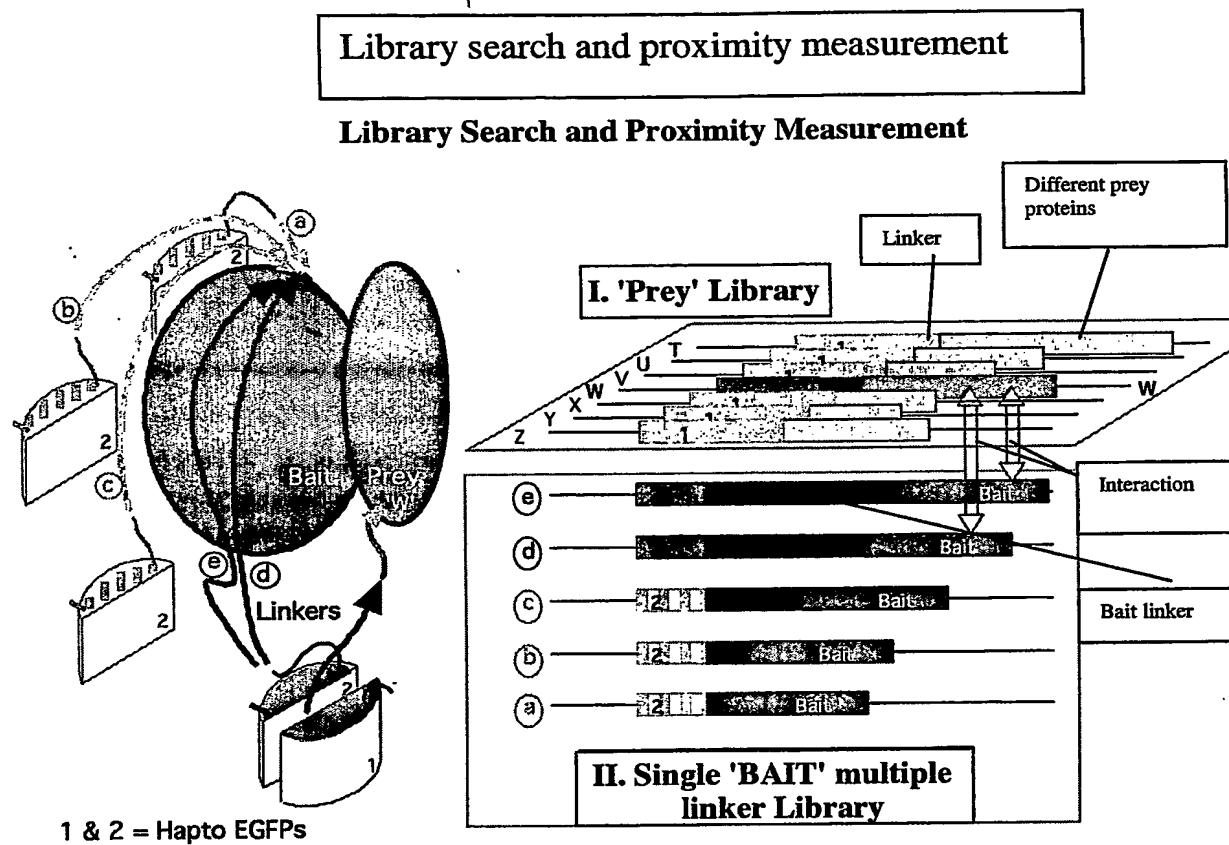
No.	Position	Top/		>-----Sequence----->
			Bottom	
1	23/24	T		...D V N G <sup>↓</sup> H K F S...
2	38/39	B		...G D A T <sup>↓</sup> Y G K L...
3	50/51	T		...I C T T <sup>↓</sup> G K L P...
4	76/77	B		...R Y P D <sup>↓</sup> H M K Q...
5	89/90	B		...S A M P E G Y V...
6	102/103	T		...F F K D <sup>↓</sup> D G N Y...
7	116/117	B		...K F E G <sup>↓</sup> D T L Y...
8	132/133	T		...D F K E <sup>↓</sup> D G N I...
9	142/143	T		...H K L E <sup>↓</sup> Y N Y N...
10	157/158	B		...A D K Q <sup>↓</sup> K N G I...
11	172/173	T		...H N I E <sup>↓</sup> D G S V...
12	190/191	B		...P I G D <sup>↓</sup> G P V L...
13	211/212	T		...G H T E <sup>↓</sup> Z K R...
14	214/215	T		...P N E K R D H M...

**Key:** Residues at the new, internal C- and N-termini (C' & N') are shown in **bold** with  $\downarrow$  between them. Adjacent hydrophobic residues are in *italics*.

The colours in the vertical bar correspond to the structural motifs of the cartoon.

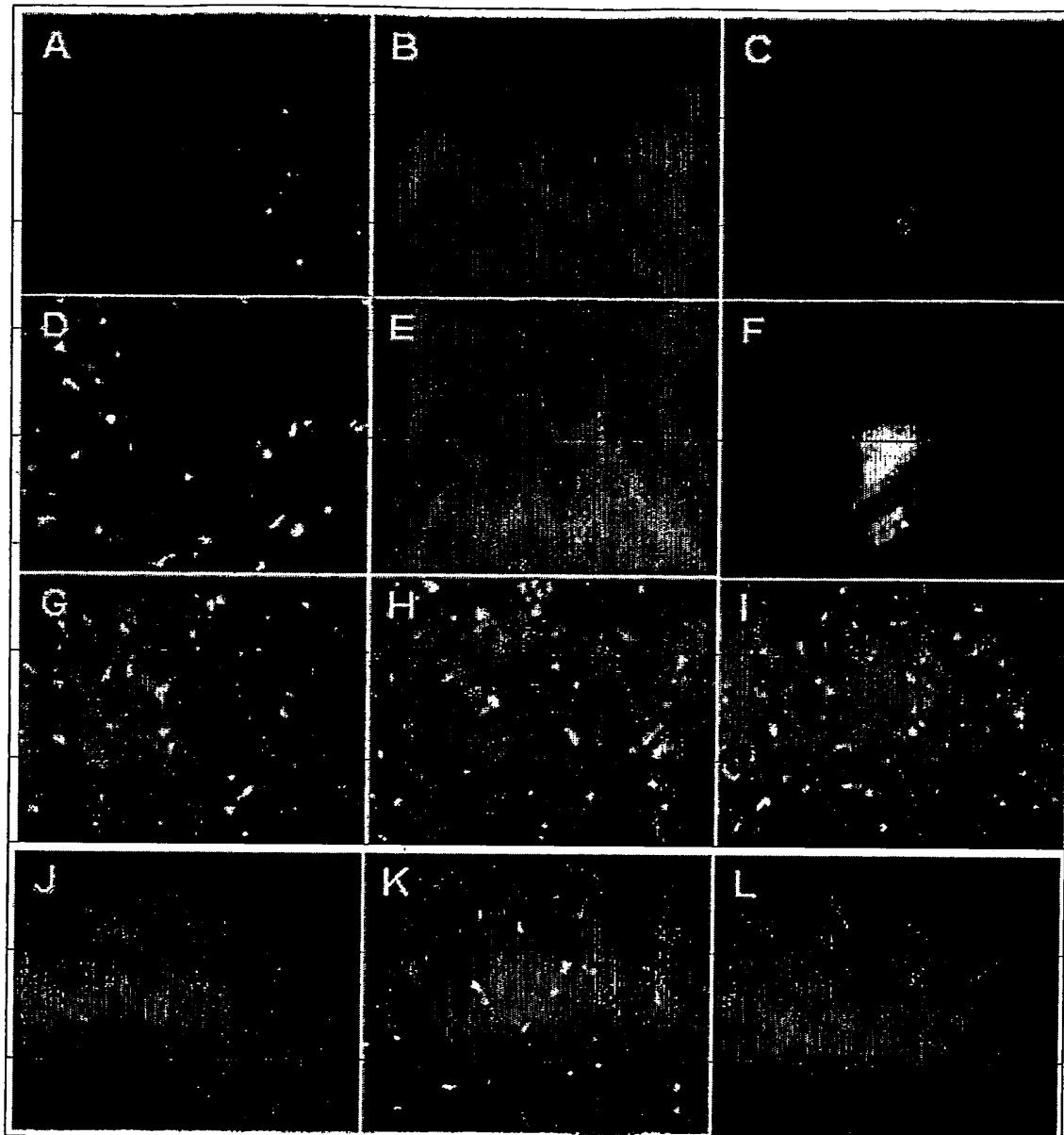
2/4

Figure 2



3/4

Figure 3



Fluorescent images of Vero cells transiently cotransfected with haptotEGFP expression constructs:

4/4

Figure 4

**Fluorescence**

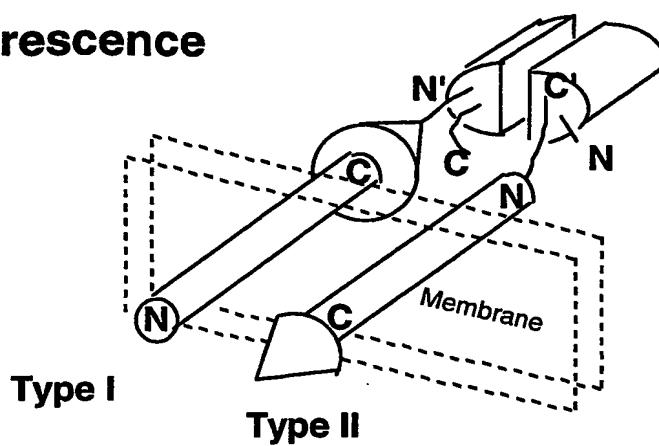


Figure 4A

**No Fluorescence**

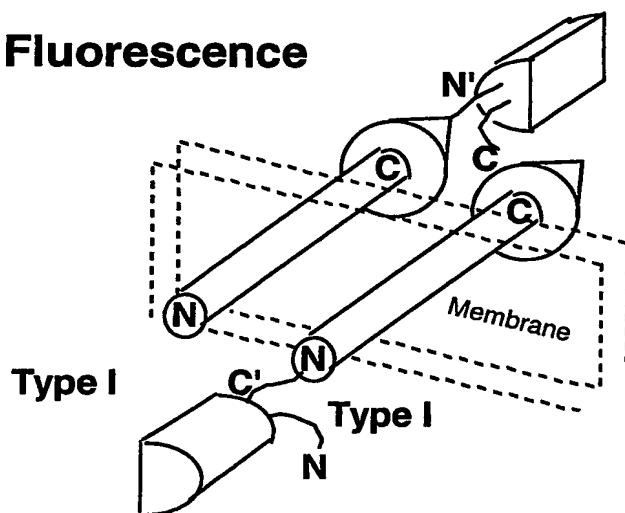


Figure 4B